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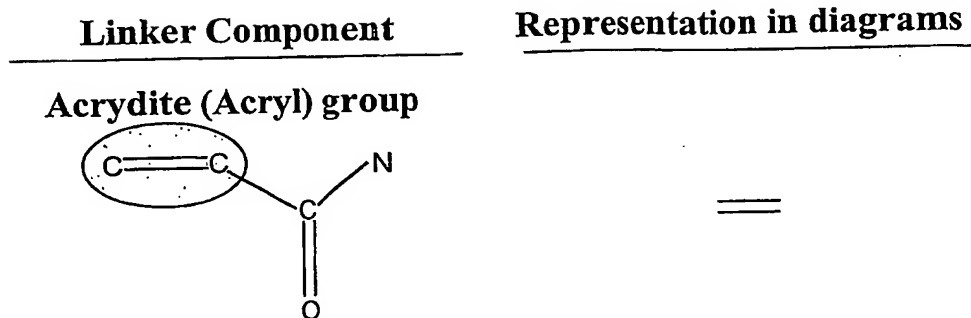


Figure 1A

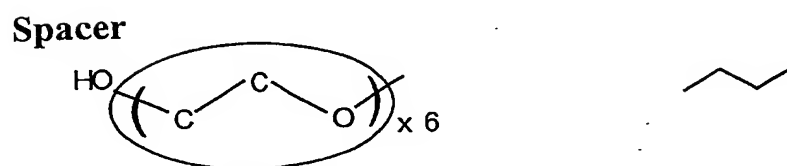


Figure 1B

Tag DNA Sequence; RNA
polymerase promoter +
transcription/translation start
signals



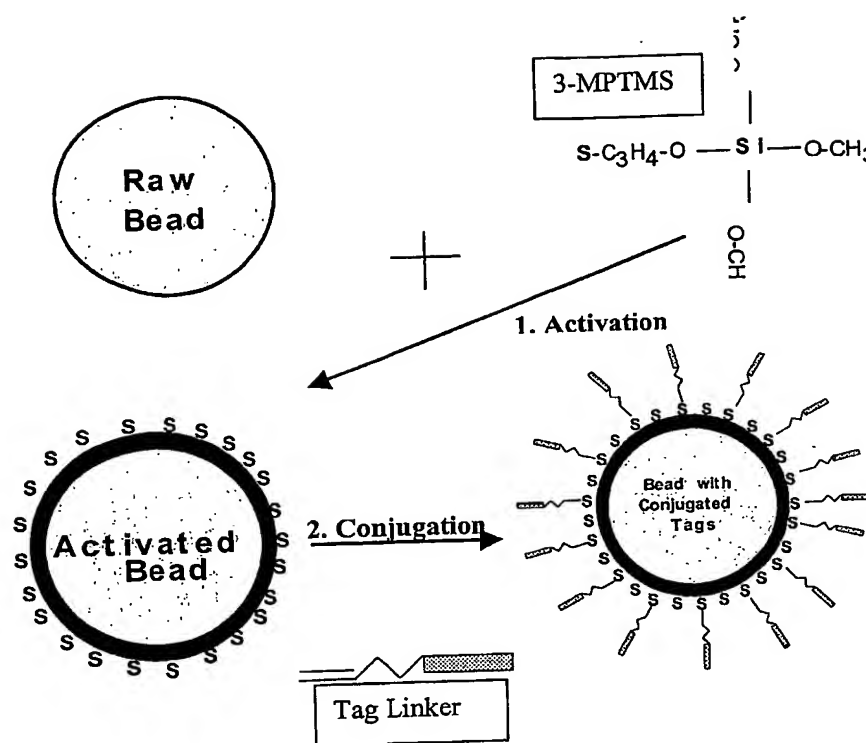
Figure 1C

Complete Tag Linker



Figure 1D

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**Figure 2**

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Figure 3A

Tag Sequence

Figure 3B

α -Tag Sequence

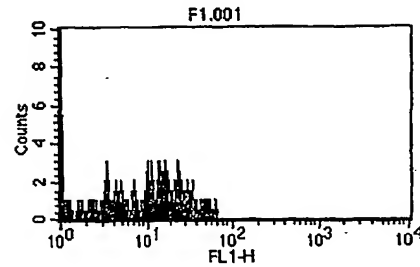
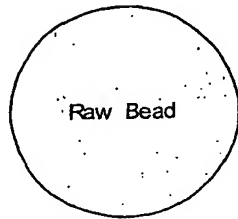
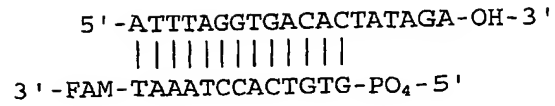


Figure 3C

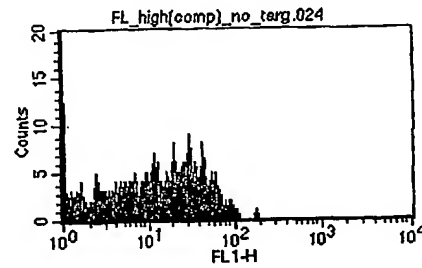
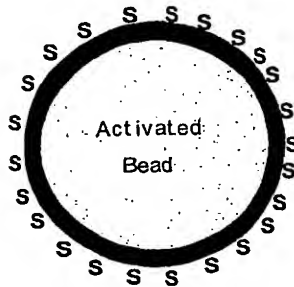


Figure 3D

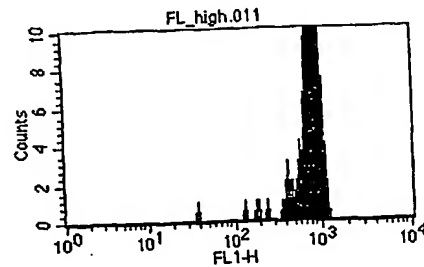
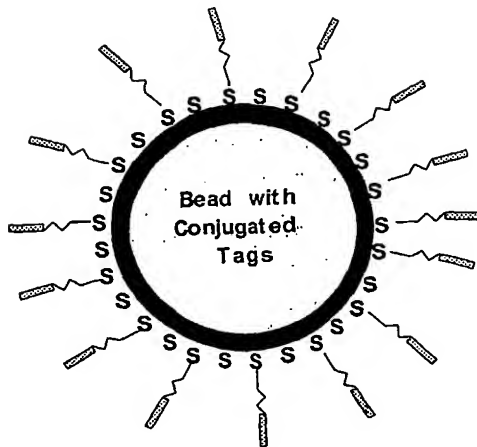
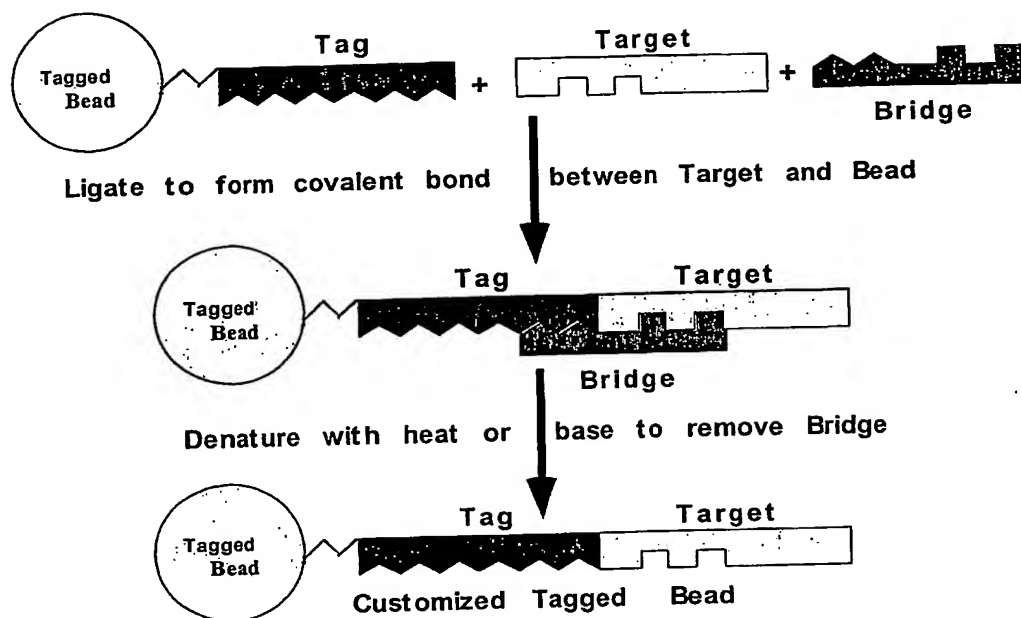


Figure 3E

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**Figure 4**

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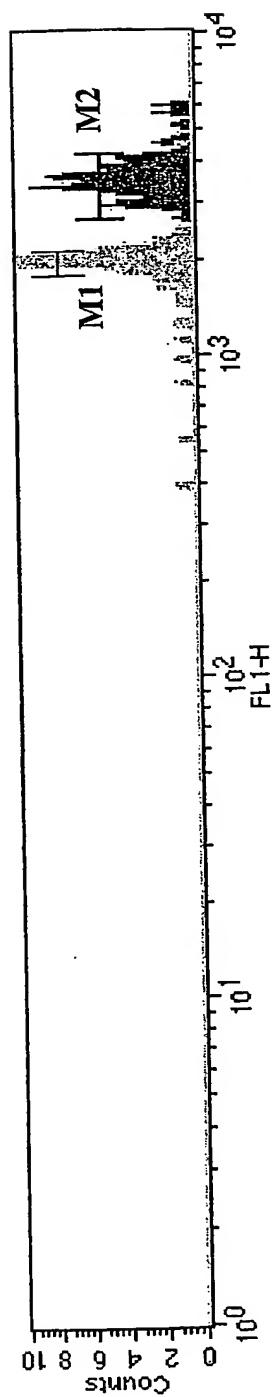


Figure 5

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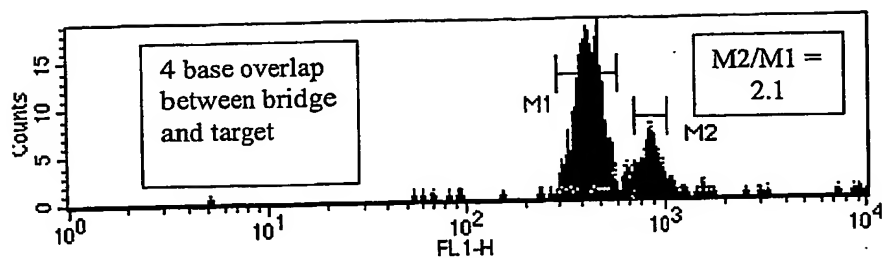


Figure 6A

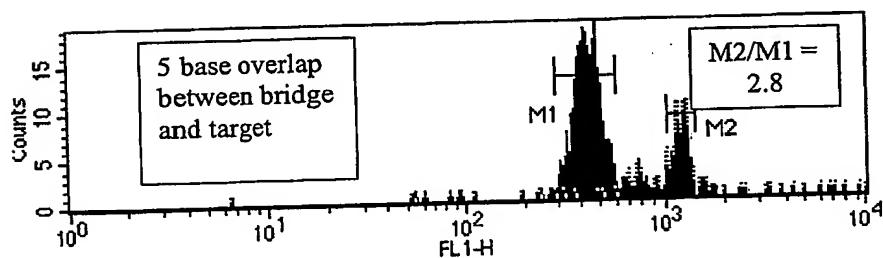


Figure 6B

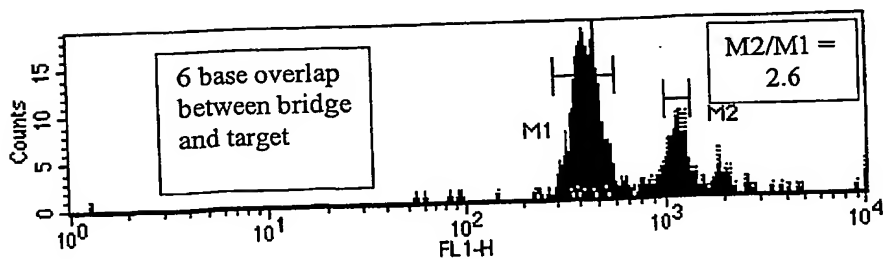


Figure 6C

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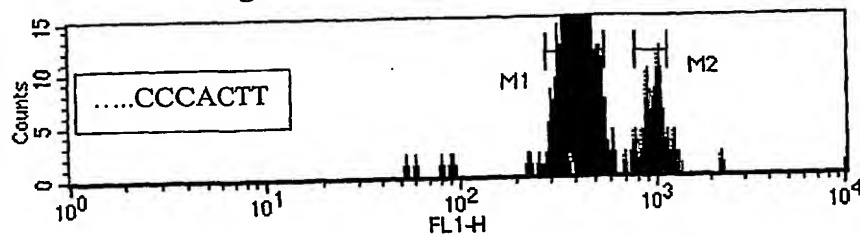
7 - Base
OverhangControl (M1) and Sample(M2)
Fluorescence PeaksEfficiency
(M2 / M1)

Figure 7A

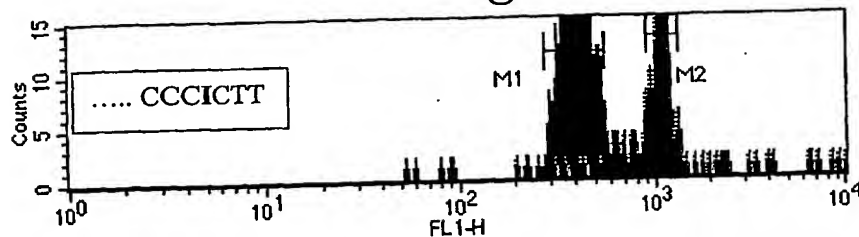


Figure 7B

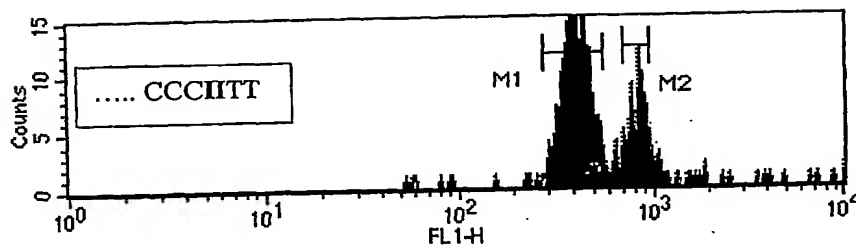


Figure 7C

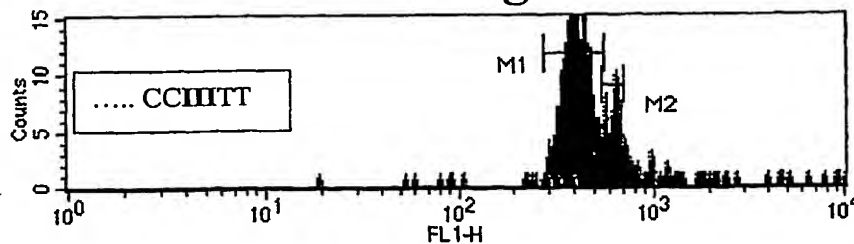


Figure 7D

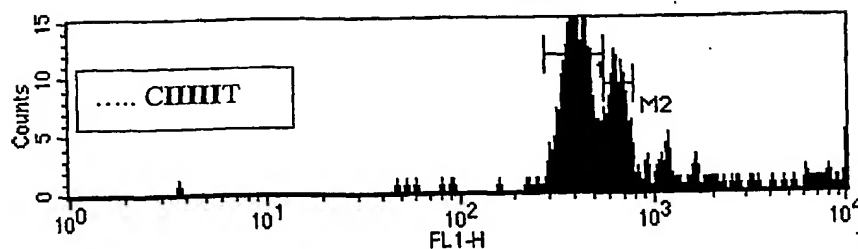
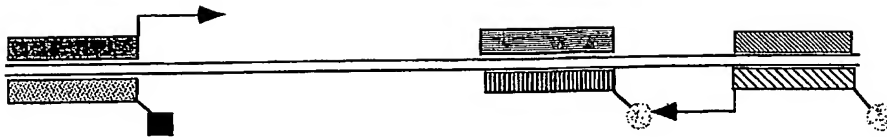
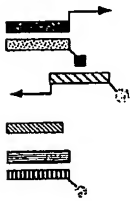


Figure 7E

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a. A 187 bp DNA fragment generated by PCR with the following landmarks:



Forward Primer (phosphorylated)
 Complement (Cy5 labelled) on reverse strand to the forward Primer
 Reverse Primer (FAM labelled)
 Sequence on Forward strand complementary to Reverse primer
 Internal Sequence on forward strand
 Sequence on Reverse strand (FAM labelled) complementary to Internal Sequence

Figure 8A

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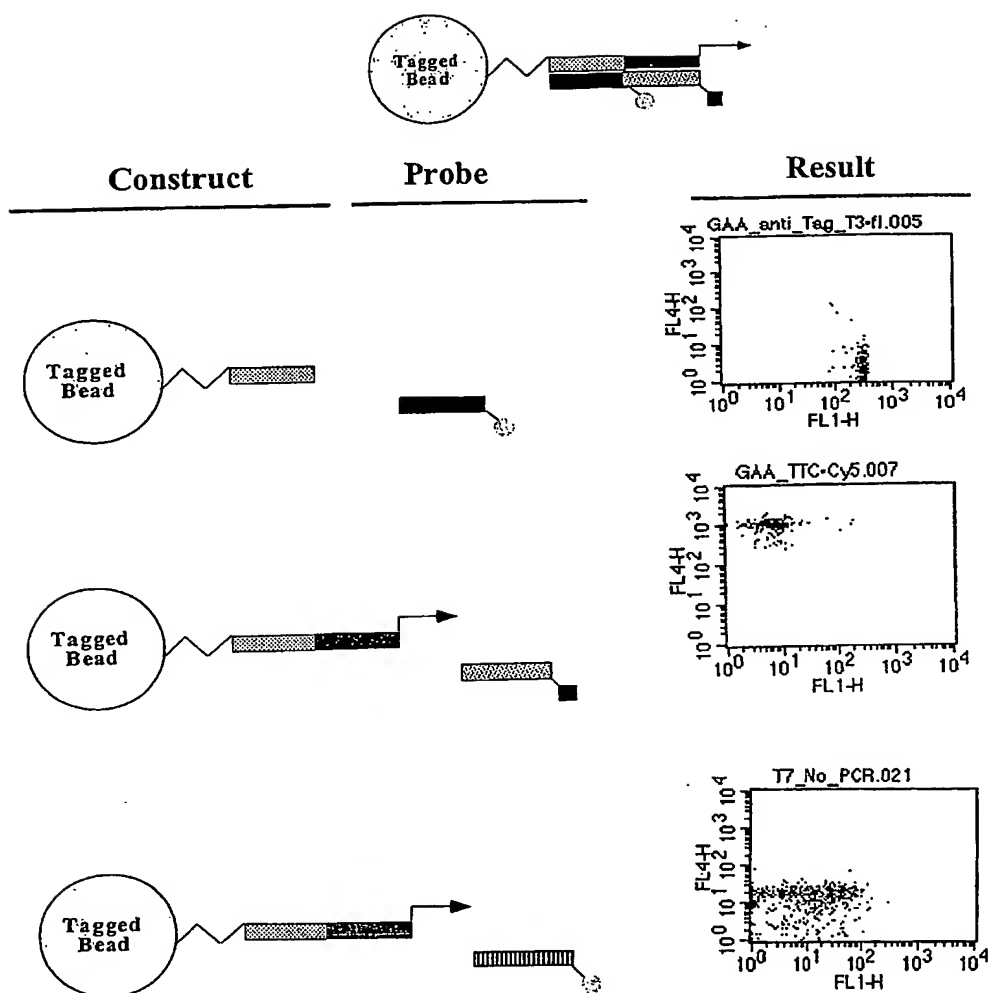


Figure 8B

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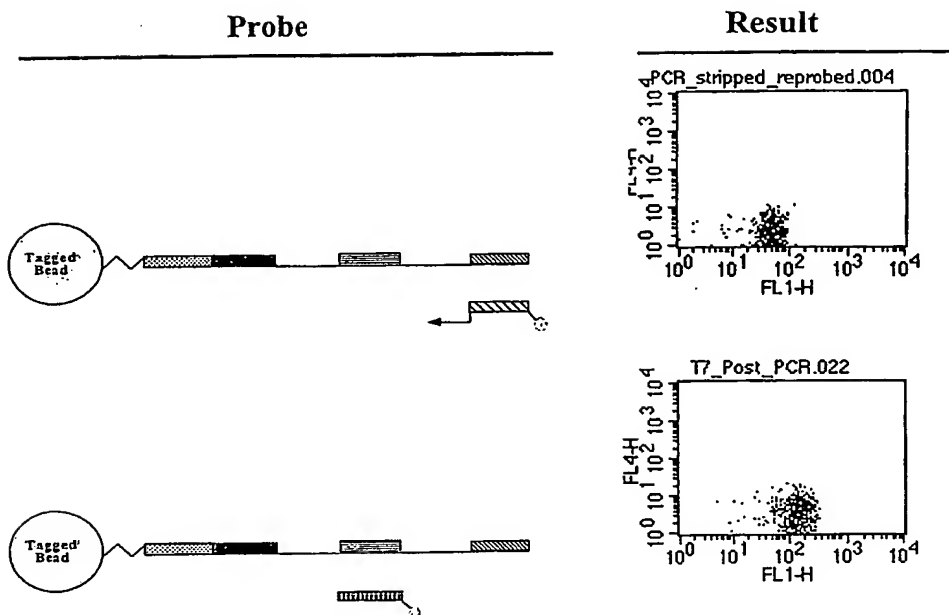


Figure 8C